

SEQUENCE LISTING

<110> IPF PharmaCeuticals GmbH

<120> A method of inhibiting the emigration of cells from the intravascular compartment into tissues

<130> 030331wo ME/BM

<140>

<141>

<160> 20

<170> PatentIn Ver. 2.1

<210> 1

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[1-74]

<400> 1

Thr Lys Thr Glu Ser Ser Ser Arg Gly Pro Tyr His Pro Ser Glu Cys
1 5 10 15

Cys

<210> 2

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[6-74]

<400> 2

Ser Ser Arg Gly Pro Tyr His Pro Ser Glu Cys Cys
1 5 10

<210> 3

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[7-74]

<400> 3

Ser Arg Gly Pro Tyr His Pro Ser Glu Cys Cys
1 5 10

<210> 4

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal
sequence of CCL14 derivative CCL14[8-74]

<400> 4
Arg Gly Pro Tyr His Pro Ser Glu Cys Cys
1 5 10

<210> 5
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: N-terminal
sequence of CCL14 derivative CCL14[9-74]

<400> 5
Gly Pro Tyr His Pro Ser Glu Cys Cys
1 5

<210> 6
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: N-terminal
sequence of CCL11 (eotaxin)

<400> 6
Gly Pro Ala Ser Val Pro Thr Cys Cys
1 5

<210> 7
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: N-terminal
sequence of CCL14 derivative CCL14[10-74]

<400> 7
Pro Tyr His Pro Ser Glu Cys Cys
1 5

<210> 8
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<220>
<223> Description of Artificial Sequence: N-terminal
sequence of CCL14 derivative CCL14[11-74]

<400> 8
Tyr His Pro Ser Glu Cys Cys
1 5

<210> 9
<211> 6
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal
sequence of CCL14 derivative CCL14[12-74]

<400> 9

His Pro Ser Glu Cys Cys
1 5

<210> 10

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal
sequence of CCL14 derivative CRIC3

<400> 10

Pro Tyr His Pro Ser Glu Cys Cys
1 5

<210> 11

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal
sequence of CCL14 derivative Bis-NNY-CCL14

<400> 11

Pro Tyr His Pro Ser Glu Cys Cys
1 5

<210> 12

<211> 65

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal
sequence of CCL14 derivative CCL14[10-74]

<400> 12

Pro Tyr His Pro Ser Glu Cys Cys Phe Thr Tyr Thr Thr Tyr Lys Ile
1 5 10 15

Pro Arg Gln Arg Ile Met Asp Tyr Tyr Glu Thr Asn Ser Gln Cys Ser
20 25 30

Lys Pro Gly Ile Val Phe Ile Thr Lys Arg Gly His Ser Val Cys Thr
35 40 45

Asn Pro Ser Asp Lys Trp Val Gln Asp Tyr Ile Lys Asp Met Lys Glu
50 55 60

Asn
65

<210> 13

<211> 67

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: N-terminal
 sequence of CXCL12 derivative CXCL12[1-67]

<400> 13
 Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser
 1 5 10 15
 His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
 20 25 30
 Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln
 35 40 45
 Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys
 50 55 60
 Ala Leu Asn
 65

<210> 14
 <211> 67
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: N-terminal
 sequence of CXCL12 derivative CXCL12V3I[1-67]

<400> 14
 Lys Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser
 1 5 10 15
 His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
 20 25 30
 Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln
 35 40 45
 Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys
 50 55 60
 Ala Leu Asn
 65

<210> 15
 <211> 66
 <212> PRT
 <213> Artificial Sequence

<220>
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 sequence of CXCL12 derivative CXCL12[2-67]

<400> 15
 Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser His
 1 5 10 15
 Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro Asn
 20 25 30
 Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln Val

35 40 45
 Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala
 50 55 60

Leu Asn
 65

<210> 16
 <211> 66
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: N-terminal
 sequence of CXCL12 derivative CXCL12V3I[2-67]

<400> 16
 Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser His
 1 5 10 15

Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro Asn
 20 25 30

Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln Val
 35 40 45

Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala
 50 55 60

Leu Asn
 65

<210> 17
 <211> 72
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: N-terminal
 sequence of CXCL12 derivative CXCL12[1-72]

<400> 17
 Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser
 1 5 10 15

His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
 20 25 30

Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln
 35 40 45

Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys
 50 55 60

Ala Leu Asn Lys Arg Phe Lys Met
 65 70

<210> 18
 <211> 72
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal
sequence of CXCL12 derivative CXCL12V3I[1-72]

<400> 18

Lys Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser
1 5 10 15

His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
20 25 30

Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln
35 40 45

Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys
50 55 60

Ala Leu Asn Lys Arg Phe Lys Met
65 70

<210> 19

<211> 71

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal
sequence of CXCL12 derivative CXCL12[2-72]

<400> 19

Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser His
1 5 10 15

Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro Asn
20 25 30

Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln Val
35 40 45

Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala
50 55 60

Leu Asn Lys Arg Phe Lys Met
65 70

<210> 20

<211> 71

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal
sequence of CXCL12 derivative CXCL12V3I[2-72]

<400> 20

Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser His
1 5 10 15

Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro Asn
20 25 30

Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln Val
35 40 45

Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala
50 55 60

Leu Asn Lys Arg Phe Lys Met
65 70